

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042277.D
 Acq On : 05 Feb 2021 12:25
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV301

Quant Time: Feb 06 07:23:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 07:13:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	191429	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	177856	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	97473	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72615	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.80%
7) Chloroethane-d5	1.916	69	49969	50.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.16%
11) 1,1-Dichloroethene-d2	2.575	63	157973	51.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.76%
21) 2-Butanone-d5	4.639	46	152071	102.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.02%
24) Chloroform-d	5.073	84	148153	51.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.42%
26) 1,2-Dichloroethane-d4	5.713	65	102248	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.90%
32) Benzene-d6	5.739	84	268233	51.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.82%
36) 1,2-Dichloropropane-d6	6.700	67	88612	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.68%
41) Toluene-d8	7.906	98	250709	51.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.44%
43) trans-1,3-Dichloroprop...	8.189	79	46435	51.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.50%
47) 2-Hexanone-d5	8.645	63	100714	103.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.19%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	129094	50.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.48%
66) 1,2-Dichlorobenzene-d4	12.201	152	102104	49.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.92%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	83122	51.81	ug/L	99
3) Chloromethane	1.523	50	74120	50.60	ug/L	100
5) Vinyl chloride	1.607	62	73941	50.92	ug/L	98
6) Bromomethane	1.861	94	41928	51.56	ug/L	96
8) Chloroethane	1.938	64	40890	51.28	ug/L	98
9) Trichlorofluoromethane	2.141	101	111497	49.77	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	68017	50.68	ug/L	99
12) 1,1-Dichloroethene	2.588	96	62493	50.86	ug/L	99
13) Acetone	2.642	43	161185	119.71	ug/L	99
14) Carbon disulfide	2.800	76	189302	51.16	ug/L	99
15) Methyl Acetate	2.957	43	105040	50.73	ug/L	100
16) Methylene chloride	3.054	84	71462	51.42	ug/L	96
17) trans-1,2-Dichloroethene	3.363	96	64658	50.49	ug/L	96
18) Methyl tert-butyl Ether	3.372	73	236346	51.30	ug/L	100
19) 1,1-Dichloroethane	3.880	63	135556	51.09	ug/L	98
20) cis-1,2-Dichloroethene	4.678	96	73134	50.82	ug/L	99
22) 2-Butanone	4.719	43	189833	108.88	ug/L	98
23) Bromochloromethane	4.986	128	39501	51.69	ug/L	94
25) Chloroform	5.099	83	136312	50.62	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	119245	50.08	ug/L	98
29) Cyclohexane	5.398	56	122443	51.67	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	124845	51.30	ug/L	99
31) Carbon tetrachloride	5.536	117	108245	51.71	ug/L	98
33) Benzene	5.784	78	279137	51.33	ug/L	100
34) Trichloroethene	6.552	95	73598	51.66	ug/L	99
35) Methylcyclohexane	6.771	83	114760	52.28	ug/L	98
37) 1,2-Dichloropropane	6.800	63	77749	51.06	ug/L	100
38) Bromodichloromethane	7.115	83	103611	50.63	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	123461	52.07	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	302625	100.66	ug/L	99
42) Toluene	7.976	91	297408	51.19	ug/L	98
44) trans-1,3-Dichloropropene	8.221	75	121764	52.13	ug/L	99
45) 1,1,2-Trichloroethane	8.411	97	70319	50.35	ug/L	99
46) Tetrachloroethene	8.562	164	59493	52.85	ug/L	99
48) 2-Hexanone	8.697	43	256654	105.45	ug/L	100
49) Dibromochloromethane	8.819	129	83455	51.31	ug/L	97
50) 1,2-Dibromoethane	8.935	107	80133	51.17	ug/L	99
51) Chlorobenzene	9.456	112	186999	50.72	ug/L	99
52) Ethylbenzene	9.578	91	334399	51.69	ug/L	99
53) m,p-Xylene	9.703	106	123425	51.19	ug/L	100
54) o-xylene	10.108	106	124525	51.92	ug/L	100
55) Styrene	10.121	104	209815	51.17	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.793	83	128749	50.65	ug/L	100
59) Bromoform	10.301	173	68861	50.37	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	107669	50.11	ug/L	99
61) Isopropylbenzene	10.494	105	333999	51.48	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	285152	50.79	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	288697	51.04	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	154709	50.56	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	151617	48.65	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	159252	50.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	36061	50.45	ug/L	97
69) 1,3,5-Trichlorobenzene	13.230	180	121329	51.44	ug/L	99
70) 1,2,4-trichlorobenzene	13.851	180	106260	53.71	ug/L	99
71) Naphthalene	14.095	128	341496	54.68	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	107377	53.39	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

